



Bagging predictors

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L Breiman - Machine Learning, 1996 - Springer
 ... Editor: Ross Quinlan Abstract. **Bagging predictors** is a method for generating multiple versions of a **predictor** and using these to get an aggregated **predictor**. ...
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T Heskes - Advances in Neural Information Processing Systems, 1997 - citeseer.ist.psu.edu
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JR Quinlan - Proceedings of the Thirteenth National Conference on ..., 1996 - mpa.itc.it
 ... set can cause significant changes in the **predictor** constructed ... Breiman also notes that "poor **predictors** can be transformed into worse ones" by **bagging**. ...
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S Dudoit, J Fridlyand, TP Speed - Journal of the American Statistical Association, 2002 - questia.com
 ... rate of 0. Note that in contrast to the aggregated **predictors** in **bagging** and **boosting** ... of it to multiple classes is the standard DLDA **predictor**, which was ...
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L Breiman - Unpublished manuscript, 1998 - stat-ftp.berkeley.edu
 ... Abstract In **bagging**, **predictors** are constructed using bootstrap samples from the training set and then aggregated to form a bagged **predictor**. ...
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Bagging Binary and Quantile Predictors for Time Series - group of 4 »

TH Lee, Y Yang - manuscript, UC-Riverside, 2004 - econ.ubc.ca
 ... **predictors** to training samples. Why does **bagging** work? **Bagging** constructs a **predictor** by averaging **predictors** trained on bootstrap samples. ...
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An empirical evaluation of bagging and boosting - group of 3 »

R Maclin, D Opitz - Proceedings of the Fourteenth National Conference on ..., 1997 - cs.uu.nl
 ... Breiman, L. 1996a. **Bagging predictors**. Machine Learning 24(2):123{140.



Boosting prediction

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RE Schapire, Y Singer - Machine Learning, 1999 - Springer

... The idea of **boosting** is to use the weak learner to form a highly accurate **prediction** rule by calling the weak learner repeatedly on different distributions ...[Cited by 722 - Related Articles - Web Search - BL Direct](#)[A decision-theoretic generalization of on-line learning and an application to boosting - group of 52 »](#)

Y Freund, RE Schapire - Journal of Computer and System Sciences, 1997 - iria.math.pku.edu.cn

... In Section 5, we give two extensions of our **boosting** algorithm to multi-class **prediction** problems in which each example belongs to one of several possible ...[Cited by 1732 - Related Articles - Web Search - BL Direct](#)[Game theory, on-line prediction and boosting - group of 15 »](#)

Y Freund, RE Schapire - Proceedings of the ninth annual conference on Computational ..., 1996 - portal.acm.org

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S Dudoit, J Fridlyand, TP Speed - Journal of the American Statistical Association, 2002 - questia.com

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RE Schapire - Proceedings of the Sixteenth International Joint Conference ..., 1999 - cs.dartmouth.edu

... of the margin can be interpreted as a measure of confidence in the **prediction**. ... that this bound is entirely independent of T, the number of rounds of **boosting**. ...[Cited by 278 - Related Articles - View as HTML - Web Search - BL Direct](#)[A short introduction to boosting - group of 32 »](#)

Y Freund, RE Schapire - Journal of Japanese Society for Artificial Intelligence, 1999 - 140.109.73.167

... Second, once he has collected many rules of thumb, how can they be combined into a single, highly accurate **prediction** rule? **Boosting** refers to a general and ...[Cited by 238 - Related Articles - View as HTML - Web Search - BL Direct](#)[The boosting approach to machine learning: An overview - group of 24 »](#)

RE Schapire - MSRI Workshop on Nonlinear Estimation and Classification, 2002 - stat.haifa.ac.il

... algorithm generates a new weak **prediction** rule, and after many rounds, the **boosting** algorithm must combine these weak rules into a single **prediction** rule that ...[Cited by 246 - Related Articles - View as HTML - Web Search - BL Direct](#)[BooTexter: A Boosting-based System for Text Categorization - group of 15 »](#)

RE Schapire, Y Singer - Machine Learning, 2000 - Springer

... A BOOSTING-BASED SYSTEM FOR TEXT CATEGORIZATION 139 ... of the weak learner is a hypothesis $h : X \times Y \rightarrow R$. We interpret the sign of $h(x_i)$ as a **prediction** as to ...[Cited by 384 - Related Articles - Web Search - BL Direct](#)